

# Initial Application Part I

Received: 08/21/2019

*This application is placed in file for record. It MAY or MAY NOT have been reviewed to be determined Administratively Complete*



RECEIVED: <b>08/21/2019</b>	REVIEWER:	TYPE: <b>PLC</b>	APP NO: <b>pMAM1923357566</b>
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Geological & Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: COG OPERATING, LLCOGRID Number: 229137Well Name: LITTLE BEAR FEDERAL COM #2HAPI: 30-025-45149Pool: BERRY; BONE SPRING, NORTHPool Code: 5535

**SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW**

**PLC-599**

1) **TYPE OF APPLICATION:** Check those which apply for [A]

A. Location - Spacing Unit - Simultaneous Dedication

☐ NSL☐ NSP (PROJECT AREA)☐ NSP (PRORATION UNIT)☐ SD

B. Check one only for [ I ] or [ II ]

[ I ] Commingling - Storage - Measurement

☐ DHC☐ CTB☒ PLC☐ PC☐ OLS☒ OLM

[ II ] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX☐ PMX☐ SWD☐ IPI☐ EOR☐ PPR2) **NOTIFICATION REQUIRED TO:** Check those which apply.A. ☐ Offset operators or lease holdersB. ☒ Royalty, overriding royalty owners, revenue ownersC. ☐ Application requires published noticeD. ☐ Notification and/or concurrent approval by SLOE. ☒ Notification and/or concurrent approval by BLMF. ☐ Surface ownerG. ☒ For all of the above, proof of notification or publication is attached, and/or,H. ☐ No notice required**FOR OCD ONLY**☐

Notice Complete

☐Application  
Content  
Complete

3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note: Statement must be completed by an individual with managerial and/or supervisory capacity.**

BOBBIE J. GOODLOE

Print or Type Name

8-21-19  
 Date

575-748-6952

Phone Number

bgoodloe@concho.com

e-mail Address

Bobbie J. Goodloe  
 Signature





August 21, 2019

Attn: Michael McMillan  
NM Oil Conservation Division  
1220 South Saint Francis Drive  
Santa Fe, New Mexico 87505

Re: Application for Administrative Approval of Pool/Lease Commingle and CTB

Dear Mr. McMillan,

COG Operating LLC, respectfully requests approval for off-lease measurement and lease/pool commingling for the following wells:

Little Bear Federal Com #2H  
API# 30-025-45149  
Berry; Bone Spring, N  
SHL: 406' FSL 565' FEL, Ut. P, Sec. 33-T20S-R34E  
BHL: 2416' FSL 725' FWL, Ut. I, Sec. 28-T20S-34E  
Lea County, NM

Little Bear Federal Com #7H  
API# 30-025-45103  
WC-025 G-08 S203435D; Wolfcamp  
SHL: 696' FSL 2137' FEL, Ut. O, Sec. 33-T20S-R34E  
BHL: 2440' FSL 998' FWL, Ut. L, Sec. 28-T20S-34E  
Lea County, NM

Little Bear Federal Com #3H  
API# 30-025-45099  
Berry; Bone Spring, N  
SHL: 696' FSL 2167' FEL, Ut. O, Sec. 33-T20S-R34E  
BHL: 2440' FSL 2316' FEL, Ut. J, Sec. 28-T20S-R34E  
Lea County, NM

Little Bear Federal Com #8H  
API# 30-025-45104  
WC-025 G-08 S203435D; Wolfcamp  
SHL: 696' FSL 2197' FEL, Ut. O, Sec. 33-T20S-R34E  
BHL: 2439' FSL 2302' FWL, Ut. K, Sec. 28-T20S-34E  
Lea County, NM

**Oil Production:**

Coriolis meters will be utilized for oil measurement on the downstream side of the heater treater vessels for each production train. These meters will act as allocation and will be proven as per API, NMOCD, and BLM specs upon initial installation. In addition to the on-lease measurement, the oil production from these wells may also be transported by truck to either the Red Hills Offload Station, located in Unit O, Section 4-T26S-R32E, or the Jal Offload Station, located in Unit D, Section 4-T26S-R37E, Lea County in the event the CTB on lease is over capacity or in the case of battery or pipeline repairs. In this case the oil will remain segregated and will be measured by lact meter when offloading at said stations.

**Gas Production:**

Orifice meters will be located downstream of each inlet 2-phase vessel, these will act as the gas allocation for each well entering the facility. These meters will meet API and AGA standards and will be calibrated on a regular interval per API, NMOCD, and BLM regulations. Gas from all the remaining process equipment will be gathered by the VRU and metered on the discharge side into the sales line. This VRU sales volume will be allocated back to each well based on the individual well's gas production. FMP's for both oil and gas will be at the point of custody transfer at the LACT unit and Targa owned sales gas meter.

**CORPORATE ADDRESS**

ONE CONCHO CENTER | 600 WEST ILLINOIS AVENUE | MIDLAND, TEXAS 79701  
P 432.683.7443 | F 432.683.7441

**ARTESIA WEST OFFICE**

2208 MAIN STREET | ARTESIA, NEW MEXICO 88210  
P 575.748.6940 | F 575.746.2096

Received by OCD: 8/21/2019 3:13:22 PM



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August 21, 2019

NM Oil Conservation Division

All owners of interest have been notified by certified mail that should they have an objection to this off-lease measurement and surface commingling, they must file a formal protest with the NMOCD within 20 days of the date of this application. A Public Notice has also been posted in the Hobbs News Sun. Proof of owner notification and copy of Public Notice is enclosed.

Please see the enclosed Administrative Application Checklist, C-107B Application for Surface Commingling, plats for referenced wells, site facility diagram, maps with lease boundaries showing wells and facility locations and prior month's production along with copies of the submitted FMP sundries.

Thank you for your attention to this matter.

Sincerely,

  
Bobbie J Goodloe  
Regulatory Analyst

Enclosures

xc: Artesia OCD



District I  
1625 N. French Drive, Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St Francis Dr. Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-B  
Revised August 1, 2011

**OIL CONSERVATION DIVISION**  
1220 S. St Francis Drive  
Santa Fe, New Mexico 87505

Submit the original  
application to the Santa Fe  
office with one copy to the  
appropriate District Office.

**APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)**

OPERATOR NAME: COG Operating LLC  
OPERATOR ADDRESS: 2208 W. Main Street, Artesia, NM 88210  
APPLICATION TYPE:

☐ Pool Commingling ☐ Lease Commingling ☒ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☐ Fee ☐ State ☒ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. \_\_\_\_\_  
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling  
☒ Yes ☐ No

**(A) POOL COMMINGLING**  
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
Berry, Bone Spring, North / 5535	46.8 / 1397.9				
WC-025 G-08 S203435D; WC / 98247	47.0 / 1339.5				

- (2) Are any wells producing at top allowables? ☐ Yes ☒ No  
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No.  
(4) Measurement type: ☒ Metering ☐ Other (Specify)  
(5) Will commingling decrease the value of production? ☐ Yes ☒ No If "yes", describe why commingling should be approved

**(B) LEASE COMMINGLING**  
Please attach sheets with the following information

- (1) Pool Name and Code.  
(2) Is all production from same source of supply? ☐ Yes ☐ No  
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☐ No  
(4) Measurement type: ☐ Metering ☐ Other (Specify)

**(C) POOL and LEASE COMMINGLING**  
Please attach sheets with the following information

- (1) Complete Sections A and E.

**(D) OFF-LEASE STORAGE and MEASUREMENT**  
Please attached sheets with the following information

- (1) Is all production from same source of supply? ☐ Yes ☒ No  
(2) Include proof of notice to all interest owners.

**(E) ADDITIONAL INFORMATION (for all application types)**  
Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.  
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.  
(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Boobie Goodloe TITLE: Regulatory Analyst

DATE: 8-21-19

TYPE OR PRINT NAME: Boobie Goodloe TELEPHONE NO.: 575-748-6952

E-MAIL ADDRESS: bgoodloe@concho.com



DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 393-8181 Fax: (575) 393-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-8720

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-8178 Fax: (505) 334-8170

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505  
Phone: (505) 476-3480 Fax: (505) 476-3482

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-45149		Pool Code 5535	Pool Name Berry; Bone Spring, North
Property Code 322258	Property Name LITTLE BEAR FEDERAL COM		Well Number 2H
OGRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 3815.0'

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	33	20-S	34-E		406	SOUTH	565	EAST	LEA

**Bottom Hole Location If Different From Surface**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	28	20-S	34-E		2416	SOUTH	725	EAST	LEA

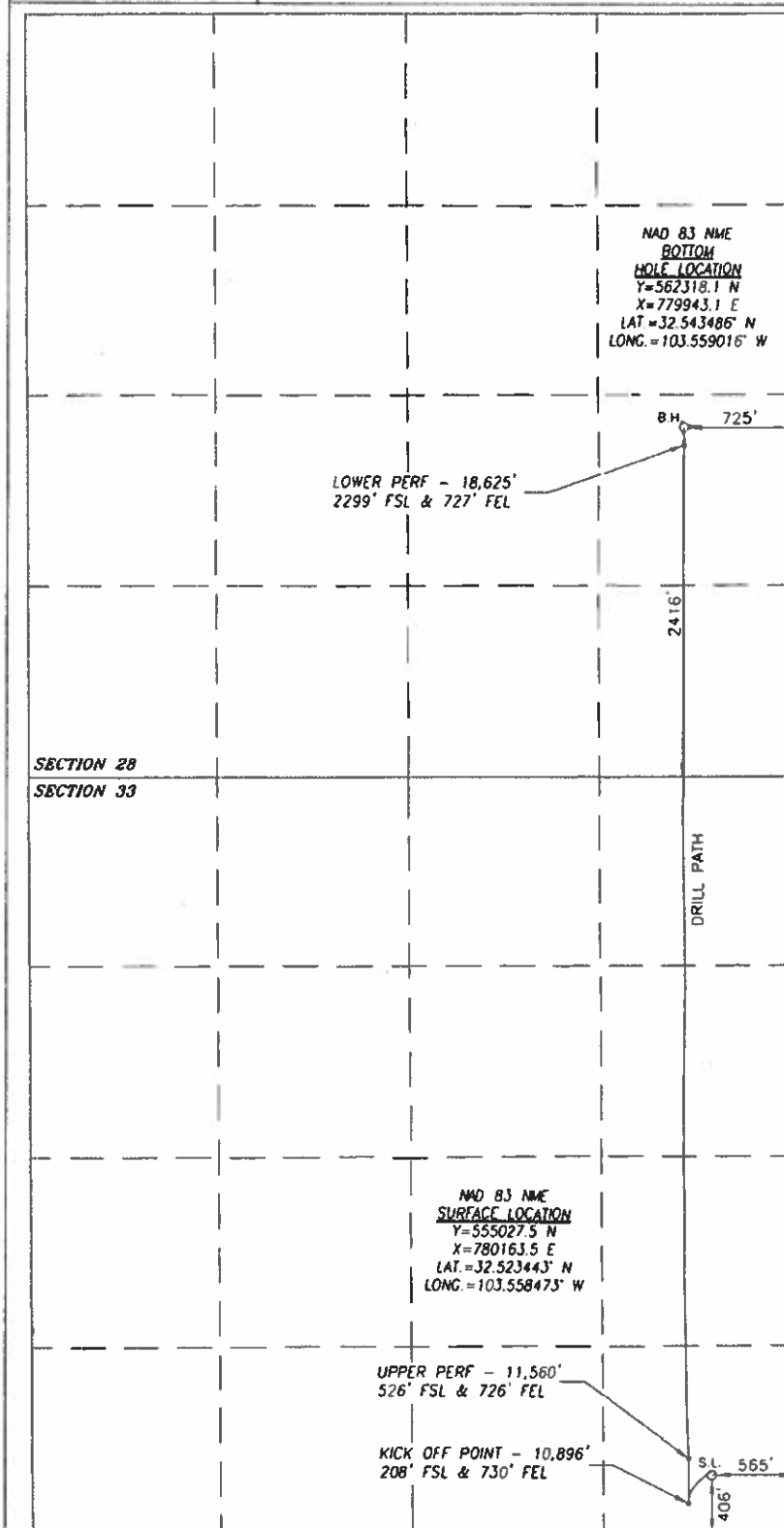
Dedicated Acres 240	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

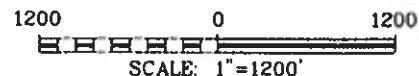
SEE PAGE 2



Property Code 322258	Property Name LITTLE BEAR FEDERAL COM	Well Number 2H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3815.0'



BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE LITTLE BEAR FEDERAL COM #2H SUPPLIED TO HARCROW SURVEYING, LLC ON JUNE 28, 2019



#### OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature

Date

Bobbie Goodloe

Printed Name

bgoodloe@concho.com

E-mail Address

#### SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

APRIL 19, 2017/DEC. 18, 2018

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 7/22/19

Certificate No. CHAD HARCROW 17777



DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-45099	Pool Code 5535	Pool Name Berry; Bone Spring, North
Property Code 322258	Property Name LITTLE BEAR FEDERAL COM	Well Number 3H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3805.2'

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	33	20-S	34-E		696	SOUTH	2167	EAST	LEA

**Bottom Hole Location If Different From Surface**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	28	20-S	34-E		2440	SOUTH	2316	EAST	LEA
Dedicated Acres 240	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2







DISTRICT I  
1825 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 395-8161 Fax: (575) 395-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

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Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
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☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-45103	Pool Code 98247	Pool Name WC-025 G-08 S203435D; WOLFCAMP
Property Code 322258	Property Name LITTLE BEAR FEDERAL COM	Well Number 7H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3806.0'

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	33	20-S	34-E		696	SOUTH	2137	EAST	LEA

**Bottom Hole Location If Different From Surface**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	28	20-S	34-E		2420	SOUTH	1650	EAST	LEA

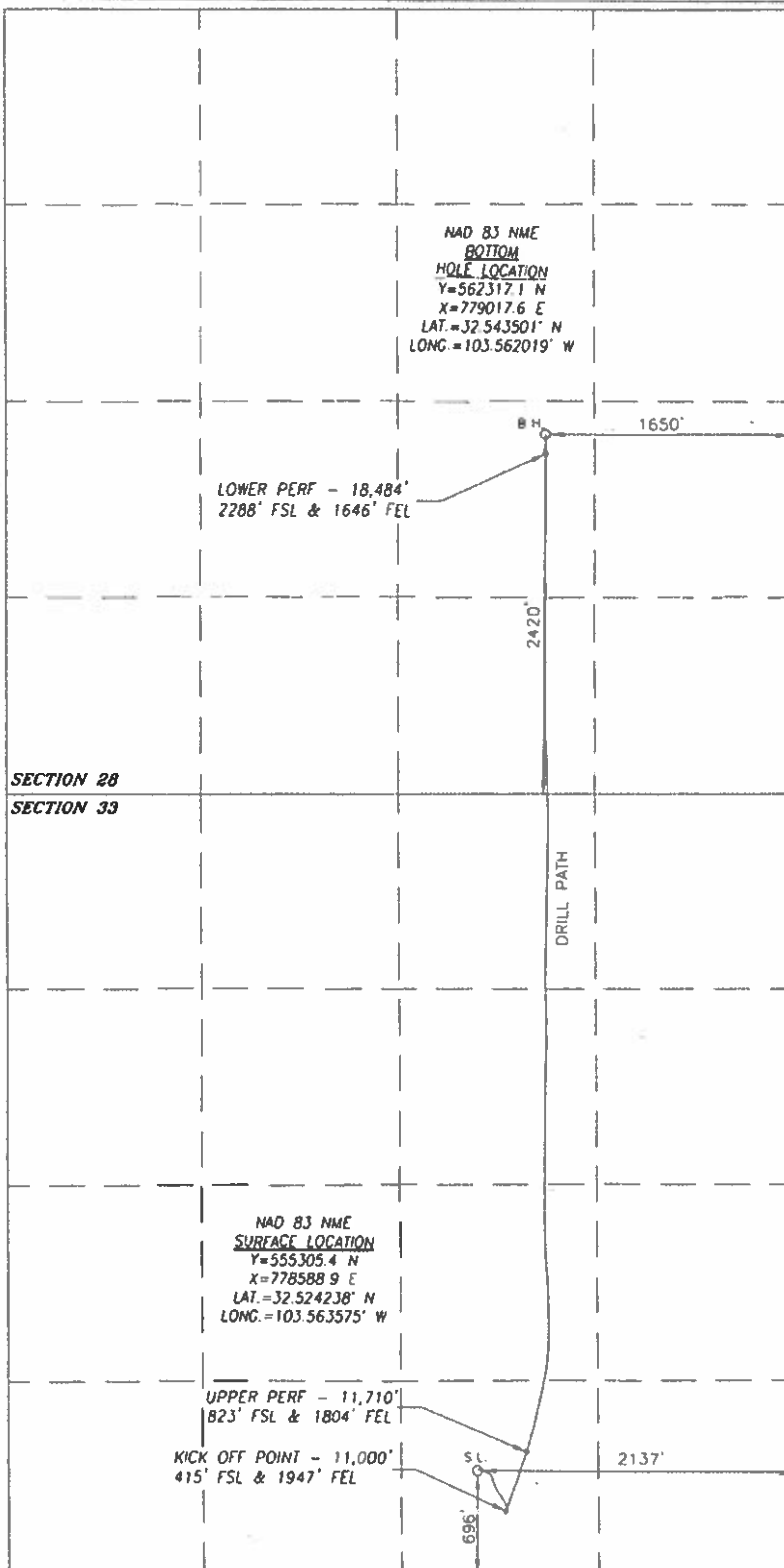
Dedicated Acres 240	Joint or Infill	Consolidation Code	Order No.
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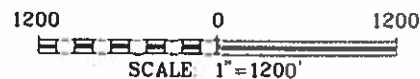
SEE PAGE 2



Property Code 322258	Property Name LITTLE BEAR FEDERAL COM	Well Number 7H
OCRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3806.0'



BOREPATH SHOWN HEREBON IS BASED ON  
DIRECTIONAL SURVEY REPORT PROVIDED BY  
COG OPERATING, LLC FOR THE LITTLE BEAR  
FEDERAL COM #7H SUPPLIED TO HARCROW  
SURVEYING, LLC ON JULY 1, 2019



#### OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Bobbie Goodloe* 8-21-19  
Date

Bobbie Goodloe

Printed Name

bgoodloe@concho.com

E-mail Address

#### SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

JUNE 14, 2018/JAN 2, 2019

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



*Chad Hargrow* 7/22/19

Certificate No. CHAD HARGROW

17777



DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
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DISTRICT II  
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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
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Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-45104	Pool Code 98247	Pool Name WC-025 G-08 S203435D; WOLFCAMP
Property Code 322258	Property Name LITTLE BEAR FEDERAL COM	Well Number 8H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3804.5'

**Surface Location**

UL or lot No. 0	Section 33	Township 20-S	Range 34-E	Lot Idn	Feet from the 696	North/South line SOUTH	Feet from the 2197	East/West line EAST	County LEA
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**Bottom Hole Location If Different From Surface**

UL or lot No. K	Section 28	Township 20-S	Range 34-E	Lot Idn	Feet from the 2439	North/South line SOUTH	Feet from the 2302	East/West line WEST	County LEA
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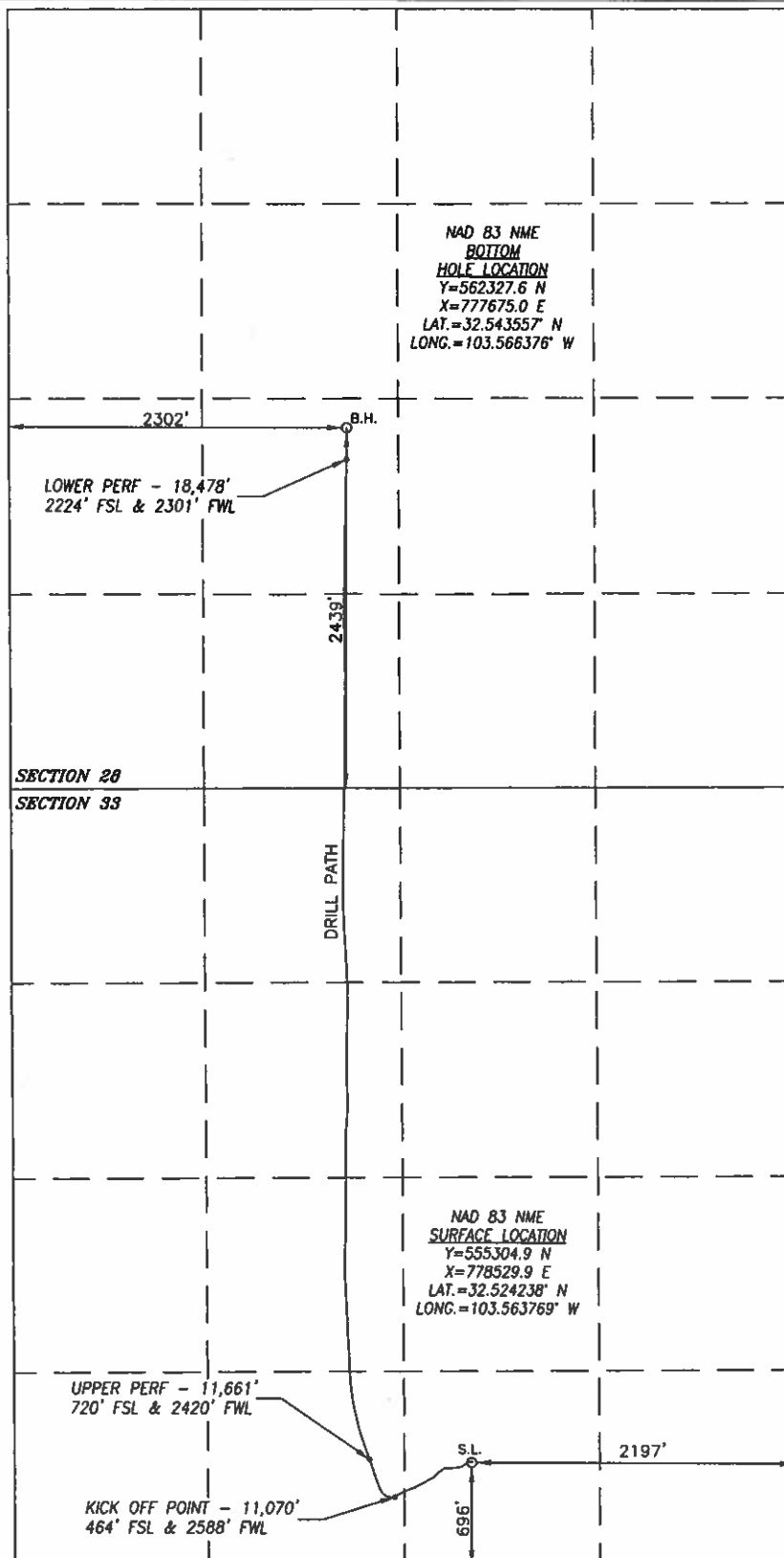
Dedicated Acres 240	Joint or Infill	Consolidation Code	Order No.
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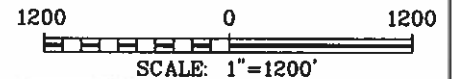
SEE PAGE 2



Property Code 322258	Property Name LITTLE BEAR FEDERAL COM	Well Number 8H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3804.5'



BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE LITTLE BEAR FEDERAL COM #8H SUPPLIED TO HARCROW SURVEYING, LLC ON JULY 2, 2019



#### OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature

Date

Bobbie Goodloe

Printed Name

bgoodloe@concho.com

E-mail Address

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JUNE 14, 2018/FEB. 18, 2019

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor

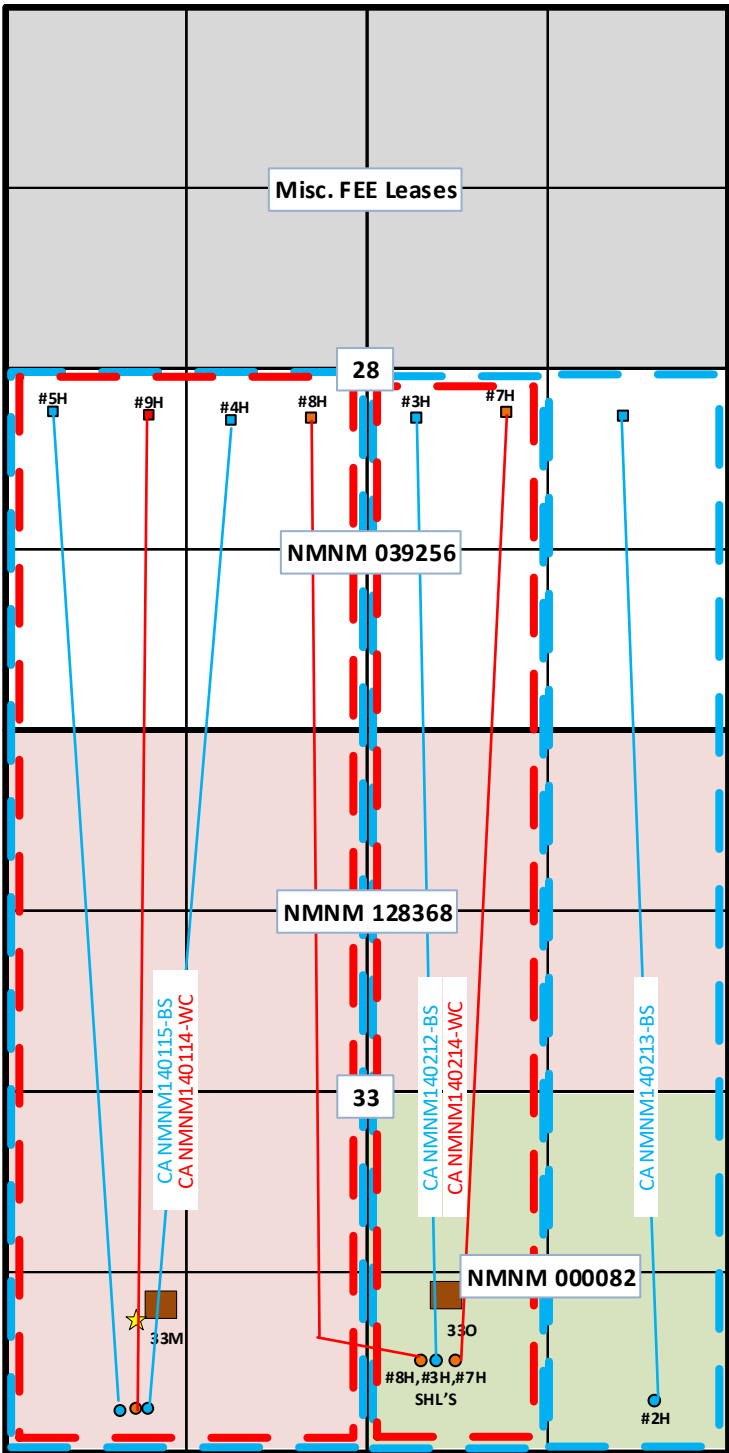


Chad Harcrow 7/22/19

Certificate No. CHAD HARCROW 17777











## Little Bear Federal 33M & 330 CTB's



# T20S-R34E

## Lea County, NM

-  Bone Spring SHL
-  Bone Spring BHL
-  Wolfcamp SHL
-  Wolfcamp BHL
-  CTB
-  GSM




-  Bone Spring CA's
-  Wolfcamp CA'S



# Little Bear Fed 33O CTB

Little Bear Fed Com #2H, #3H, #7H, #8H  
Sec 33-T20S-R34E  
Lea County, NM

## Legend

-  Little Bear Fed SHL's
-  Little Bear Fed #33O - Targa Gas Sales Meter #1181335
-  Little Bear Fed 33O CTB

33

Little Bear Fed 33O CTB  Little Bear Fed #33O - Targa Gas Sales Meter #1181335

Little Bear Fed Com #7H - SHL  Little Bear Fed Com #8H - SHL

Little Bear Fed Com #3H - SHL

 Little Bear Fed Com #2H - SHL



# Little Bear Federal 330 CTB

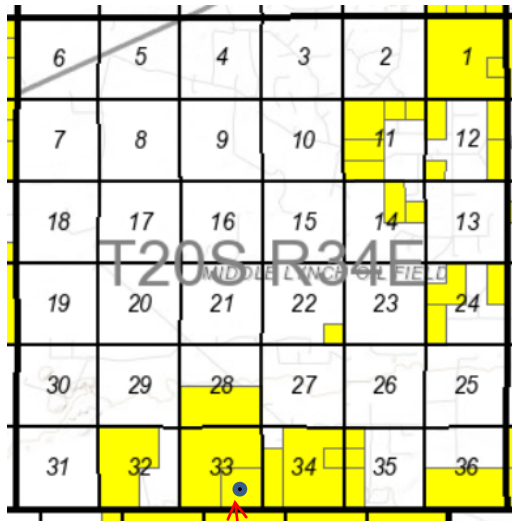
(Little Bear Fed Com #2H, #3H, #7H & #8H)

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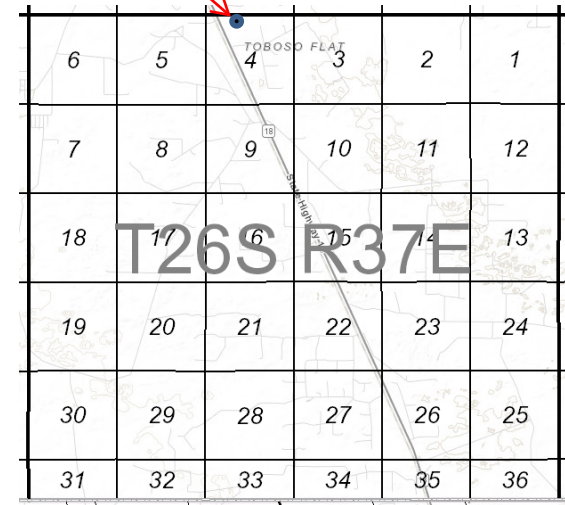
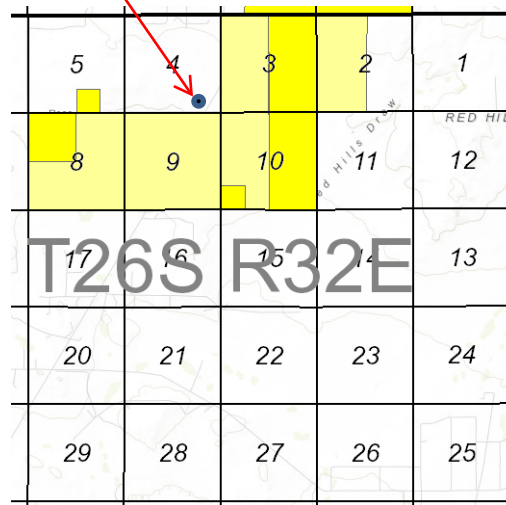
# Red Hills and Jal Offload Station Map

Red Hills Offload Station  
Lea County, NM

Jal Offload Station  
Lea County, NM



Little Bear Fed 330 CTB  
Lea County, NM





WELLS:  
LITTLE BEAR FEDERAL COM #002H: 30-025-45149  
LITTLE BEAR FEDERAL COM #003H: 30-025-45099  
LITTLE BEAR FEDERAL COM #007H: 30-025-45103  
LITTLE BEAR FEDERAL COM #008H: 30-025-45104

#002H Gas Lift Meter:	HP Flare Gas Meter:
(L1): #39022614	(F1): #FD40865A
#007H Gas Lift Meter:	LP Flare Gas Meter:
(L2): #39022616	(F2): #FD40865A
#003H Gas Lift Meter:	Targa FMP Sales Gas Meter:
(L3): #39022615	(GS): #1181335
#008H Gas Lift Meter:	Targa Buy Back Gas Meter:
(L4): #39022617	(BR): #118100142

#002H Meters:	#003H Meters:
OIL (O1): #P1029116000	OIL (O3): #P30B4816000
WATER (W1): #P402A216000	WATER (W3): #P4030516000
GAS (G1): #39022556	GAS (G3): #39022557
#007H Meters:	#008H Meters:
OIL (O2): #P1028A16000	OIL (O4): #P30B4916000
WATER (W2): #P4030B16000	WATER (W4): #P402A416000
GAS (G2): #39022558	GAS (G4): #39022559

**PACIENT VOLUMES**

- OIL: 8,000 BPD
- WATER: 12,000 BPD
- GAS: 16 MMSCFD

**NOT ON BATTERY PAD**

LITTLE BEAR FED 330 002H  
GAS LIFT COMPRESSOR

002H WELL

**NOT ON BATTERY PAD**

LITTLE BEAR FED 330 007H  
GAS LIFT COMPRESSOR

007H WELL

**NOT ON BATTERY PAD**

LITTLE BEAR FED 330 003H  
GAS LIFT COMPRESSOR

003H WELL

**NOT ON BATTERY PAD**

LITTLE BEAR FED 330 008H  
GAS LIFT COMPRESSOR

008H WELL



Type of Lease: Federal  
State Lease #: N/A  
Federal Lease #: NMNM128368, NMNM0000082,  
& NMNM0039256  
CA/Agreement #: N/A  
Property Code: 322258  
OGRID #: 229137

Produced Fluid: —  
Produced Oil: —  
Produced Gas: —  
Produced Water: —  
Flare/Vent: —

THIS DRAWING IS PROPERTY  
OF COG OPERATING LLC AND  
IS LENT TO THE BORROWER  
FOR CONFIDENTIAL USE ONLY  
AND IS SUBJECT TO RETURN  
UPON REQUEST AND SHALL  
NOT BE REPRODUCED,  
COPIED, LENT OR OTHERWISE  
DISPOSED OF DIRECTLY OR  
INDIRECTLY, NOR USED FOR  
ANY PURPOSE OTHER THAN  
THAT WHICH IT IS  
SPECIFICALLY FURNISHED.

REVISIONS						
	NO.	DATE	DESCRIPTION	BY	CHK.	APP.
	A	02/25/19	ISSUED FOR REVIEW	JS	CB	
	B	02/26/19	ISSUED PER PRELIM	JS	CB	
	C	03/11/19	RE-ISSUED PER PRELIM	JS	CB	
	D	05/17/19	REVISED PER AS-BUILT	JS	CB	

		
<p>NORTHERN DELAWARE BASIN ASSET          PRODUCTION FACILITIES          SITE FACILITY DIAGRAM          LITTLE BEAR FEDERAL 330 CTB</p>		
LEA COUNTY		NEW MEXICO
TWNSHP/RANGE	DWG NO.	R
	D-1700-81-005A (PAGE 1 OF 2)	



WELLS:  
LITTLE BEAR FEDERAL COM #002H: 30-025-45149  
LITTLE BEAR FEDERAL COM #003H: 30-025-45099  
LITTLE BEAR FEDERAL COM #007H: 30-025-45103  
LITTLE BEAR FEDERAL COM #008H: 30-025-45104

VRU Gas Meter:  
(GV): #39022554  
VCU Gas Meter:  
(GC): #FD40866A

Water Transfer Meter:  
(WA): #P1067916000  
Water Transfer Meter:  
(WB): #P1067416000

- Valve 1 and 2 closed
- Valves 3 thru 7 open
- Valves 8 and 9 closed
- Valves 10 and 11 open
- Valves 12 thru 19 closed
- Vales 20 and 22 thru 25 open
- Valve 21 and 26 closed

- Valve 3, 10, 24, and 25 open
- All other valves closed

- OIL: 8,000 BPD
- WATER: 12,000 BPD
- GAS: 16 MMSCFD



Type of Lease: Federal  
State Lease #: N/A  
Federal Lease #: NMNM128368, NMNM0000082,  
& NMNM0039256  
CA/Agreement #: N/A  
Property Code: 322258  
OGRID #: 229137

Produced Fluid: —  
Produced Oil: —  
Produced Gas: —  
Produced Water: —  
Flare/Vent: —

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DISPOSED OF DIRECTLY OR  
INDIRECTLY, NOR USED FOR  
ANY PURPOSE OTHER THAN  
THAT WHICH IT IS  
SPECIFICALLY FURNISHED.

REFERENCE DRAWINGS	
NO.	TITLE
COG OPERATING LLC SITE SECURITY PLANS LOCATED AT:	ONE CONCHO CENTER 600 WEST ILLINOIS AVENUE MIDLAND, TEXAS 79701

REVISIONS						
	NO.	DATE	DESCRIPTION	BY	CHK.	APP.
	A	02/25/19	ISSUED FOR REVIEW	JS	CB	
	B	02/26/19	ISSUED PER PRELIM	JS	CB	
	C	03/11/19	RE-ISSUED PER PRELIM	JS	CB	
	D	05/17/19	REVISED PER AS-BUILT	JS	CB	

ENGINEERING RECORD		
P.	BY	DATE
	DRN: JS	02/25/19
	DES:	
	CHK:	
	APP:	
AFE NO:		
FACIL ENGR:		
OPER ENGR:		VARIES
SCALE		NONE



NORTHERN DELAWARE BASIN ASSET PRODUCTION FACILITIES SITE FACILITY DIAGRAM LITTLE BEAR FEDERAL 330 CTB		
LEA COUNTY		NEW MEXICO
TWNSHP/RANGE	DWG NO. D-1700-81-005B (PAGE 2 OF 2)	REV



30-025-45149 LITTLE BEAR FEDERAL COM #002H [322258]

General Well Information

Operator:

[229137] COG OPERATING LLC

Status:

New

Well Type:

Oil

Work Type:

New

Direction:

Horizontal

Multi-Lateral:

No

Mineral Owner:

Federal

Surface Owner:

Federal

Surface Location:

P-33-20S-34E    406 FSL    565 FEL

Lat/Long:

32.523443,-103.558473 NAD83

GL Elevation:

3815

KB Elevation:

DF Elevation:

Sing/Mult Compl:

Single

Potash Waiver:

False

[5535] BERRY; BONE SPRING, NORTH

Status:

New, Not Drilled

Bottomhole Location:

I-28-20S-34E    2440 FSL    745 FEL

Lat/Long:

Acreage:

240    33-20S-34E Units: A H I P  
28-20S-34E Units: I P

DHC:

No

Last Produced:

Consolidation Code:

Production Method:

Earliest Production in OCD Records:

6/2019    Last    6/2019

Show All Production

Export to Excel

Time Frame	Production				Injection				
	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2019									
BERRY;BONE SPRING, NORTH									
Jun	6917	9567	28074	13	0	0	0	0	0



30-025-45099 LITTLE BEAR FEDERAL COM #003H [322258]

General Well Information

Operator:

[229137] COG OPERATING LLC

Status:

New

Well Type:

Oil

Work Type:

New

Surface Location:

O-33-20S-34E    696 FSL    2167 FEL

Lat/Long:

32.524238,-103.563672 NAD83

GL Elevation:

3805

KB Elevation:

DF Elevation:

Direction:

Horizontal

Multi-Lateral:

No

Mineral Owner:

Federal

Surface Owner:

Federal

Sing/Mult Compl:

Single

Potash Waiver:

False

[5535] BERRY; BONE SPRING, NORTH

Status:

New, Not Drilled

Bottomhole Location:

J-28-20S-34E    2440 FSL    2310 FEL

Lat/Long:

Acreage:

240    33-20S-34E Units: B G J O  
28-20S-34E Units: J O

DHC:

Last Produced:

Consolidation Code:

Production Method:

Earliest Production in OCD Records: 6/2019    Last 6/2019    [Show All Production](#) [Export to Excel](#)

	Production				Injection				
Time Frame	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2019									
BERRY;BONE SPRING, NORTH									
Jun	4697	5781	31220	13	0	0	0	0	0



30-025-45103 LITTLE BEAR FEDERAL COM #007H [322258]

General Well Information

Operator:

[229137] COG OPERATING LLC

Status:

New

Well Type:

Oil

Work Type:

New

Surface Location:

O-33-20S-34E    696 FSL    2137 FEL

Lat/Long:

32.524238,-103.563575 NAD83

GL Elevation:

3806

KB Elevation:

DF Elevation:

Direction:

Horizontal

Multi-Lateral:

No

Mineral Owner:

Federal

Surface Owner:

Federal

Sing/Mult Compl:

Single

Potash Waiver:

False

[98247] WC-025 G-08 S203435D; WOLFCAMP

Status:

New, Not Drilled

Bottomhole Location:

J-28-20S-34E    2440 FSL    1650 FEL

Lat/Long:

Acreage:

240    33-20S-34E Units: B G J O  
28-20S-34E Units: J O

DHC:

Last Produced:

Consolidation Code:

Production Method:

Earliest Production in OCD Records:

6/2019    Last    6/2019

Show All Production

Export to Excel

Time Frame	Production				Injection				
	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2019									
WC-025 G-08 S203435D;WOLFCAMP									
Jun	5382	6999	24946	13	0	0	0	0	0



30-025-45104 LITTLE BEAR FEDERAL COM #008H [322258]

General Well Information

Operator:

[229137] COG OPERATING LLC

Status:

New

Well Type:

Oil

Work Type:

New

Direction:

Horizontal

Multi-Lateral:

No

Mineral Owner:

Federal

Surface Owner:

Federal

Surface Location:

O-33-20S-34E    696 FSL    2197 FEL

Lat/Long:

32.524238,-103.56377 NAD83

GL Elevation:

3805

KB Elevation:

DF Elevation:

Sing/Mult Compl:

Single

Potash Waiver:

False

[98247] WC-025 G-08 S203435D; WOLFCAMP

Status:

New, Not Drilled

Bottomhole Location:

K-28-20S-34E    2440 FSL    2310 FWL

Lat/Long:

Acreage:

240    33-20S-34E Units: C F K N  
28-20S-34E Units: K N

DHC:

Last Produced:

Consolidation Code:

Production Method:

Earliest Production in OCD Records:

6/2019

Last

6/2019

[Show All Production](#)

[Export to Excel](#)

	Production				Injection				
Time Frame	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2019									
WC-025 G-08 S203435D;WOLFCAMP									
Jun	2617	3549	25555	13	0	0	0	0	0



**Little Bear Federal 330 CTB**  
**Little Bear Federal Com #2H 30-025-45149**  
**Little Bear Federal Com #3H 30-025-45099**  
**Little Bear Federal Com #7H 30-025-45103**  
**Little Bear Federal Com #8H 30-025-45104**  
**Application for Pool/Lease Commingle & Off Lease Measurement**  
**Notification List**

<b><i>Date Sent</i></b>	<b><i>Initials</i></b>	<b><i>Sent Certified Return Receipt to:</i></b>	<b><i>Receipt No.</i></b>	<b><i>Rec'd</i></b>
8/21/2019	bjg	Arkoma Drilling II LP, 5950 Berkshire Ln., Ste 1400, Dallas, TX 75225	9414-8149-0246-9822-0231-87	
	bjg	**Heirs or Devisees of F.L. Nohl et ux Margaret H. Nohl **No Adress**		
8/21/2019	bjg	Blue Door Inc., 555 17th St., Ste 1400, Denver, CO 80202	9414-8149-0246-9822-0231-94	
8/21/2019	bjg	EOG Resources Inc., 5509 Champions Dr., Midland, TX 79706	9414-8149-0246-9822-0232-00	
8/21/2019	bjg	Steven Engwall, 2707 Duval, Dallas, TX 75211	9414-8149-0246-9822-0232-17	
8/21/2019	bjg	Larry Engwall, 1961 La Cuesta Dr., Santa Ana, CA 92705	9414-8149-0246-9822-0232-24	
8/21/2019	bjg	Good News Mineral, LLC, 550 W. Texas Ave., Ste 945, Midland, TX 79701	9414-8149-0246-9822-0232-55	
8/21/2019	bjg	CEP Minerals LLC, P O Box 50820, Midland, TX 79710	9414-8149-0246-9822-0233-09	
8/21/2019	bjg	Post Oak Crown IV, LLC, 5200 San Felipe, Houston, TX 77056	9414-8149-0246-9822-0234-22	
8/21/2019	bjg	Post Oak Crown IV-B, LLC, 5200 San Felipe, Houston, TX 77056	9414-8149-0246-9822-0234-39	
8/21/2019	bjg	Wells Fargo Central Pacific Holdings Inc., 1000 Louisiana St. 9th Floor, Houston, TX 77002	9414-8149-0246-9822-0234-46	
8/21/2019	bjg	Crown Oil Partners, LP, DBA Mavros Oil Company LLC, P O Box 50820, Midland, TX 79710	9414-8149-0246-9822-0234-53	
8/21/2019	bjg	Collins & Jones Investments LLC, 508 W Wall St., Ste 1200, Midland, TX 79701	9414-8149-0246-9822-0234-77	
8/21/2019	bjg	MCT Energy Ltd., 550 W. Texas Ave., Ste 945, Midland, TX 79701	9414-8149-0246-9822-0234-84	
8/21/2019	bjg	Gerard G. Vavrek, 1521 2nd Ave., Apt 1604, Seattle, WA 98101	9414-8149-0246-9822-0234-91	
8/21/2019	bjg	Jesse A Faught, Jr., P O Box 52603, Midland, TX 79710	9414-8149-0246-9822-0235-07	
8/21/2019	bjg	H. Jason Wacker, 5601 Hillcrest, Midland, TX 79707	9414-8149-0246-9822-0235-14	
8/21/2019	bjg	David Cromwell, 2008 Country Club Dr., Midland, TX 79701	9414-8149-0246-9822-0235-21	
8/21/2019	bjg	LMC Energy LLC, 550 W. Texas Ave., Ste 945, Midland, TX 79701	9414-8149-0246-9822-0235-38	
8/21/2019	bjg	Kaleb D. Smith, 2501 Lubbock Ave., Fort Worth, TX 76109	9414-8149-0246-9822-0235-45	
8/21/2019	bjg	Deane Durham, 3603 Trinity Meadows Pl., Midland, TX 79707	9414-8149-0246-9822-0235-83	
8/21/2019	bjg	Mike Moylett, P O Box 50820, Midland, TX 79710	9414-8149-0246-9822-0236-13	
8/21/2019	bjg	Oak Valley Mineral & Land LP, 550 W. Texas Ave., Ste 945, Midland, TX 79701	9414-8149-0246-9822-0236-20	
8/21/2019	bjg	Mavros Mineral II, LLC, 550 W. Texas Ave., Ste 945, Midland, TX 79701	9414-8149-0246-9822-0236-37	
8/21/2019	bjg	Marathon Oil Company DBA Marathon Oil Permian LLC, 5555 San Felipe St., Houston, TX 77056	9414-8149-0246-9822-0236-51	

Mailed by  
Bobbie J Goodloe



Example of Letter Sent

August 21, 2019

**Certified Mail – Return Receipt Requested  
#**

Blue Door Inc.,  
555 17th St., Ste 1400  
Denver, CO 80202

Re: Pool/Lease Commingling and Off-Lease Measurement

COG Operating LLC, respectfully requests approval for off-lease measurement and lease/pool commingling for the following wells:

Little Bear Federal Com #2H  
API# 30-025-45149  
Berry; Bone Spring, N  
SHL: 406' FSL 565' FEL, Ut. P, Sec. 33-T20S-R34E  
BHL: 2416' FSL 725' FWL, Ut. I, Sec. 28-T20S-34E  
Lea County, NM

Little Bear Federal Com #3H  
API# 30-025-45099  
Berry; Bone Spring, N  
SHL: 696' FSL 2167' FEL, Ut. O, Sec. 33-T20S-R34E  
BHL: 2440' FSL 2316' FEL, Ut. J, Sec. 28-T20S-R34E  
Lea County, NM

Little Bear Federal Com #7H  
API# 30-025-45103  
WC-025 G-08 S203435D; Wolfcamp  
SHL: 696' FSL 2137' FEL, Ut. O, Sec. 33-T20S-R34E  
BHL: 2440' FSL 998' FWL, Ut. L, Sec. 28-T20S-34E  
Lea County, NM

Little Bear Federal Com #8H  
API# 30-025-45104  
WC-025 G-08 S203435D; Wolfcamp  
SHL: 696' FSL 2197' FEL, Ut. O, Sec. 33-T20S-R34E  
BHL: 2439' FSL 2302' FWL, Ut. K, Sec. 28-T20S-34E  
Lea County, NM

Gentlemen:

Attached is a copy of COG Operating LLC's application for pool/lease commingling and off-lease measurement of production from the Little Bear Federal Com #2H, Little Bear Federal Com #3H, Little Bear Federal Com #7H and Little Bear Federal Com #8H wells. These wells are located in Sections 33, 28-T20S-R34E, Lea County, NM.

You are receiving this information per NMOCD's requirement to notify all parties owning an interest in the minerals affected by this application. Any objections to these proposals should be registered with the NMOCD within 20 days of the date of this letter.

If you have any questions regarding this application, please contact me at 575-748-6952 or by email at [bgoodloe@concho.com](mailto:bgoodloe@concho.com).

Sincerely,

Bobbie J Goodloe  
Regulatory Analyst

Enclosures



**HOBBS NEWS SUN**  
**LEGAL NOTICES**

COG Operating LLC (COG), 2208 West Main, Artesia, New Mexico, 88210, has filed an application seeking administrative approval for a Central Tank Battery and commingling of oil and gas with the New Mexico Oil Conservation Division for the Little Bear Federal Com #2H, Little Bear Federal Com #3H, Little Bear Federal Com #7H and Little Bear Federal Com #8H wells. All wells are located in Section 33, Township 20 South, Range 34 East, Lea County, New Mexico. COG is seeking approval to commingle the oil and gas production of these four wells at the Little Bear Federal 33O CTB, located in UL O, Section 33-T20S-R34E, Lea County, and in the event the CTB is over capacity or in the case of battery or pipeline repairs, approval for off-lease measurement of the oil at the Red Hills Off-load Station in Unit O, Section 4-T26S-R32E or Jal Off-load Station in Unit D, Section 4-T26S-R37E, Lea County, NM. Any interested party who has an objection to this must give notice in writing to the Oil Conservation Division, 1220 South Saint Francis Street, Santa Fe, New Mexico, 87505, within ten (10) days of this notice. Any interested party with questions or comments may contact Danny Kidwell (432) 685-2535 [dkidwell@concho.com](mailto:dkidwell@concho.com) at COG Operating LLC, 600 West Illinois, Midland, Texas 79701.

Published in the Hobbs News Sun, Hobbs, New Mexico \_\_\_\_\_, 2019.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**5. Lease Serial No.  
NMNM082

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
Multiple--See Attached9. API Well No.  
Multiple--See Attached10. Field and Pool or Exploratory Area  
WILDCAT BONE SPRING  
WILDCAT;WOLFCAMP

11. County or Parish, State

LEA COUNTY, NM

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

COG OPERATING LLC

Contact: BOBBIE GOODLOE

E-Mail: bgoodloe@concho.com

3a. Address

ONE CONCHO CENTER 600 W ILLINOIS AVENUE  
MIDLAND, TX 79701-4287

3b. Phone No. (include area code)

Ph: 575-748-6952

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Multiple--See Attached

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Production Facility Changes
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

COG OPERATING LLC RESPECTFULLY REQUESTS DESIGNATION OF GAS FACILITY MEASUREMENT POINTS FOR OUR LITTLE BEAR FEDERAL 330 CTB

TARGA GAS SALES METER #1181335 MEETS API AND AGA STANDARDS AND WILL MEASURE AND BE CALIBRATED ACCORDING TO ALL FEDERAL REQUIREMENTS AND REGULATIONS.

LITTLE BEAR FEDERAL COM #2H 30-025-45149  
LITTLE BEAR FEDERAL COM #3H 30-025-45099  
LITTLE BEAR FEDERAL COM #7H 30-025-45103  
LITTLE BEAR FEDERAL COM #8H 30-025-45104

SEE ATTACHED SITE FACILITY DIAGRAM

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #478213 verified by the BLM Well Information System****For COG OPERATING LLC, sent to the Hobbs****Committed to AFMSS for processing by PRISCILLA PEREZ on 08/15/2019 (19PP2869SE)**

Name (Printed/Typed) BOBBIE GOODLOE

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 08/14/2019

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

**ACCEPTED**DEBORAH MCKINNEY  
Title LEGAL INSTRUMENTS EXAMINER

Date 08/19/2019

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Hobbs

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.****SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM082
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
Contact: BOBBIE GOODLOE E-Mail: bgoodloe@concho.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287	3b. Phone No. (include area code) Ph: 575-748-6952	8. Well Name and No. Multiple--See Attached
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Multiple--See Attached		9. API Well No. Multiple--See Attached
		10. Field and Pool or Exploratory Area WILDCAT BONE SPRING WILDCAT;WOLFCAMP
		11. County or Parish, State LEA COUNTY, NM

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Production Facility Changes
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

COG OPERATING LLC RESPECTFULLY REQUESTS DESIGNATION OF OIL FACILITY MEASUREMENT POINTS FOR OUR LITTLE BEAR FEDERAL 330 CTB.

OIL FACILTY MEASUREMENT POINTS WILL BE TANK #147460653-1 AT THE BATTERY.

LITTLE BEAR FEDERAL COM #2H 30-025-45149  
LITTLE BEAR FEDERAL COM #3H 30-025-45099  
LITTLE BEAR FEDERAL COM #7H 30-025-45103  
LITTLE BEAR FEDERAL COM #8H 30-025-45104

SEE ATTACHED SITE FACILITY DIAGRAM

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #478215 verified by the BLM Well Information System</b> <b>For COG OPERATING LLC, sent to the Hobbs</b> <b>Committed to AFMSS for processing by PRISCILLA PEREZ on 08/15/2019 (19PP2870SE)</b>	
Name (Printed/Typed) BOBBIE GOODLOE	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 08/14/2019

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <b>ACCEPTED</b>	DEBORAH MCKINNEY Title LEGAL INSTRUMENTS EXAMINER	Date 08/19/2019
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Hobbs

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***



**McMillan, Michael, EMNRD**

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**From:** McMillan, Michael, EMNRD  
**Sent:** Wednesday, August 21, 2019 4:03 PM  
**To:** 'Bobbie Goodloe'  
**Subject:** LITTLE BEAR FEDERAL COM #002H Surface commingle application

Bobbie:  
I need the affidavit of publication for the unlocatable interest.

Your application will be suspended until I receive it

Mike

Michael McMillan  
1220 South St. Francis  
Santa Fe, New Mexico  
505-476-3448  
Michael.mcmillan@state.nm.us